

CLAIMS

I claim:

1. A method of using a wireless terminal antenna for communication through a
5 physical line, comprising:
proximity coupling the wireless terminal antenna with a strip line conductor
connected to the physical line.
2. The method of claim 1, including receiving a wirelessly transmitted signal at
10 the terminal antenna and transmitting the signal along the physical line.
3. The method of claim 1, including emitting a signal from the terminal antenna
and transmitting the signal along the physical line.
- 15 4. The method of claim 1, including transmitting a signal along the physical line
and receiving the signal at the terminal antenna.
5. The method of claim 1, including placing the strip line conductor adjacent a
casing of the wireless terminal.
- 20 6. The method of claim 1, including using an H-field coupling between the
wireless terminal antenna and the strip line conductor.

7. A device for coupling a wireless terminal to a physical line, comprising:
a strip line conductor adapted to be placed near an antenna of the wireless
terminal to establish a proximity coupling between the conductor and the antenna.

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8. The device of claim 7, including a dielectric layer for supporting the conductor
on one side and a ground plane on another side of the dielectric layer.

9. The device of claim 7, including a connector electrically coupled to the strip
10 line conductor adapted to be connected to a physical, conductive line.

10. A communication device, comprising:
a wireless terminal having an antenna for receiving and transmitting wireless signals; and
5 at least one strip line conductor proximity coupled to the antenna.
11. The device of claim 10, including a dielectric layer for supporting the strip line conductor on one side and a ground plane on another side of the dielectric.
- 10 12. The device of claim 10, wherein the wireless terminal includes a housing and the strip line conductor is adjacent the housing.
13. The device of claim 12, including a holder for securing the strip line conductor in a desired position against the housing.